

Fig. 1



DWVVAPISVPENGKGPFPQRLNQLKSNKDRDTKIFYSITGPGADSPPEGVFAVEKETGWLLLNKPLDREE EWVMPPIFVPENGKGPFPORLNOLKSNKDRGTKIFYSITGPGADSPPEGVFTIEKESGWLLLHMPLDREK DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERETGWLKVTEPLDRER DWVIPPISCPENEKGEFPKNLVQIKSNRDKETKVFYSITGQGADKPPVGVFIIERETGWLKVTQPLDREA DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREQ DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREL DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREI P-cad N-cad N-cad N-cad E-cad P-cad E-cad human human human CO₩ mouse mouse mouse

IATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEF IVKYELYGHAVSENGASVEEPMNISIIVTDQNDNKPKF **AKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPK**I **AKYILYSHAVSSNGEAVEDPMEIVITVTDQNDNRPEF ARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF** IARFHLRAHAVDINGNOVENPIDIVINVIDMNDNRPEI **ARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF** N-cad N-cad N-cad P-cad E-cad P-cad E-cad npmnu **₩**00 human numan mouse mouse mouse

Fig. 2

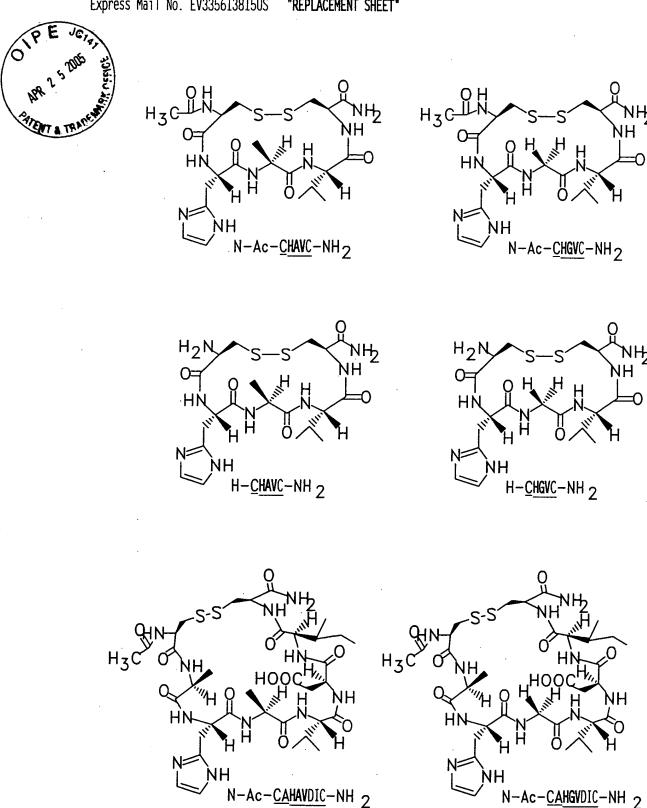


Fig. 3A

APE SOUTH THE STATE OF THE PARTY OF THE PART

Fig. 3C

> HOOC HOOC N-CAHAVDC-NH 2 N-CAHGVDC-NH 2 H_2N HOOC N-CAHAVDIC-NH 2 N-CAHGVDIC-NH 2 H_2N H_2N

Fig. 3D

N-KHAGVD-NH 2

N-KHAVD-NH2

 A_2B_4 = 2,4-diaminobutyric acid N-Ac- (A_2B_4) HAVSG-NH2 n=3, m=2 N-Ac-0mHAVS-NH n=2, m=3

 $N-Ac-(A_2B_4)HAVSG-NH_2$ n=3, m=2 N-Ac-OmHAVS-NH n=2, m=3

Fig. 3E



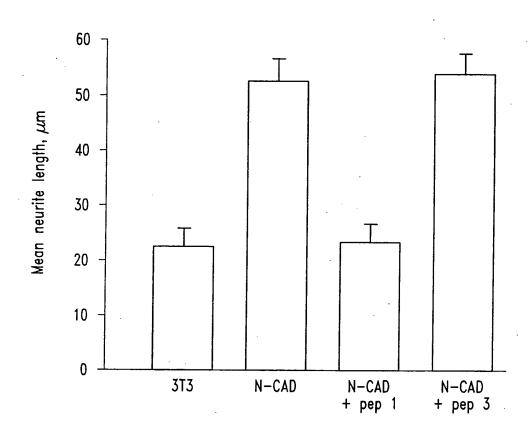


Fig. 4

Mean neurite length, μ m

Fig. 5

peptide 1, μ g/ml

O PE JOJE EXP

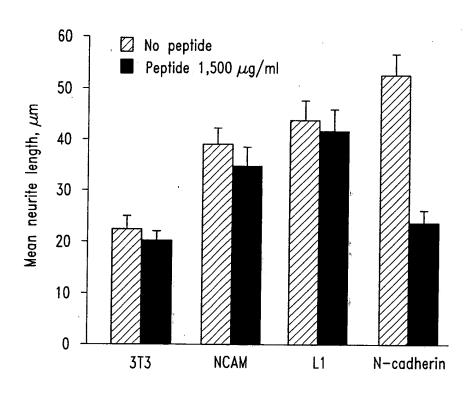


Fig. 6



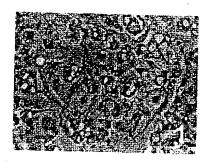


FIG. 7A

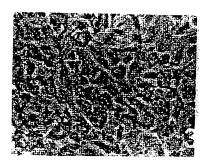


FIG. 7B

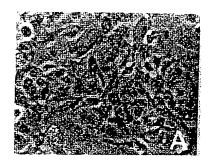


FIG. 7C



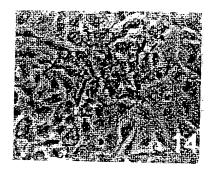


FIG. 8A

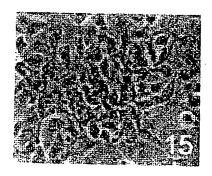


FIG. 8B

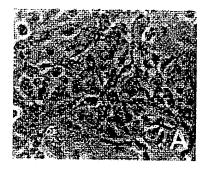


FIG. 8C



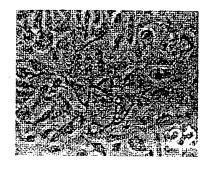


FIG. 9A

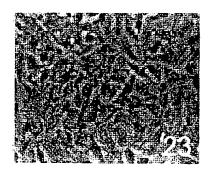


FIG. 9B

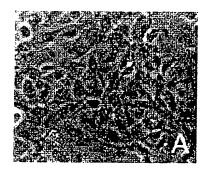


FIG. 9C



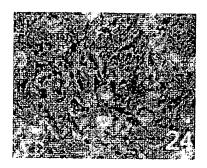


FIG. 10A

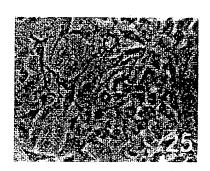


FIG. 10B

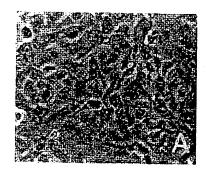


FIG. 10C



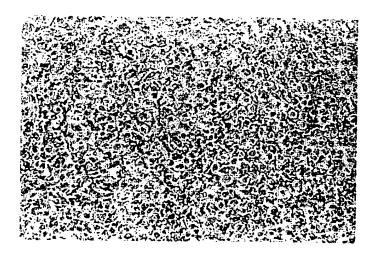


FIG. 11A

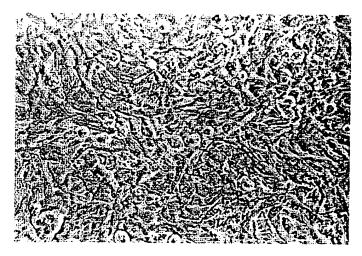


FIG. 11B

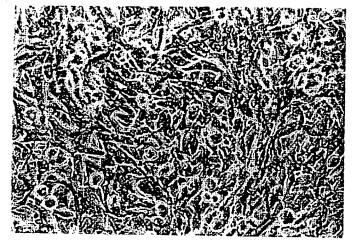


FIG. 11C



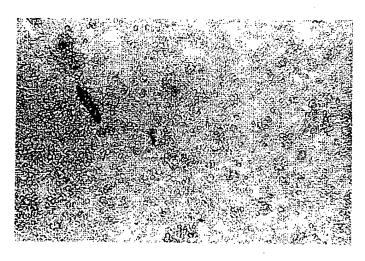


FIG. 11D

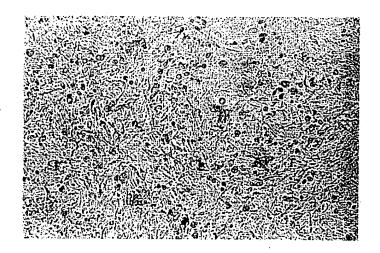


FIG. 11E

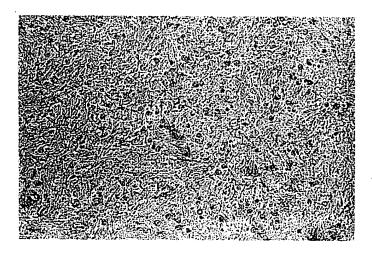


FIG. 11F



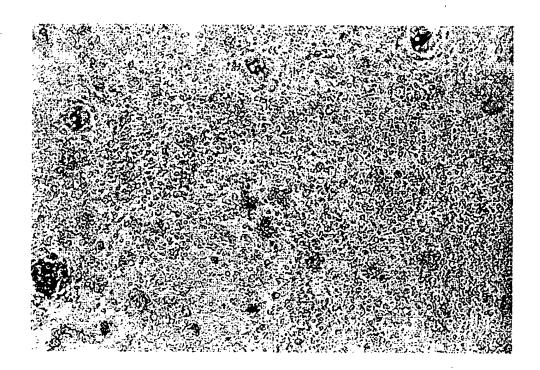


FIG. 12A

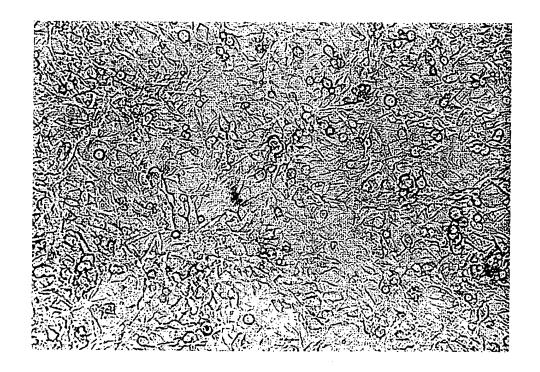


FIG. 12B



Untreated

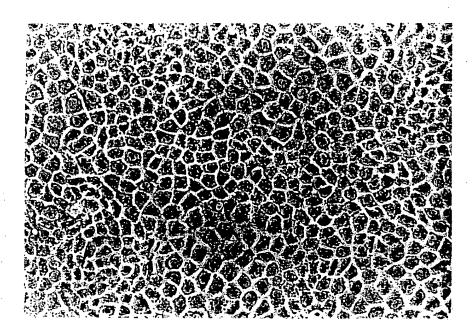


FIG. 13A

HAVS

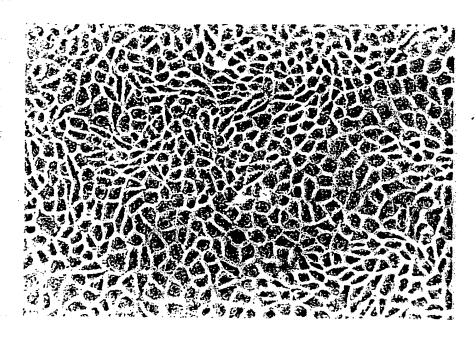


FIG. 13B



HGV

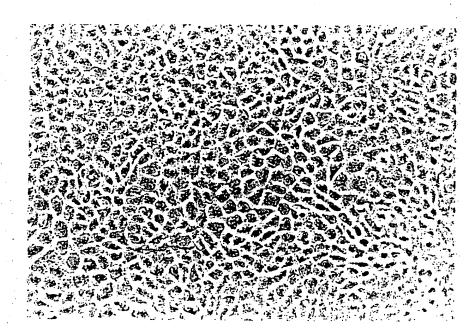


FIG. 13C

HAV

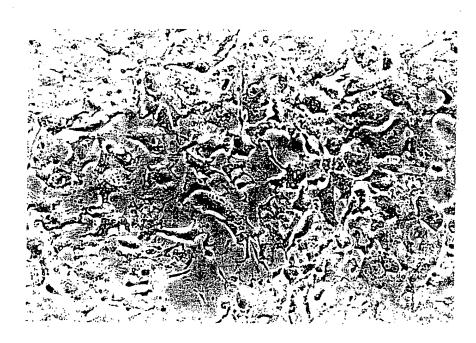


FIG. 13D





FIG. 14A

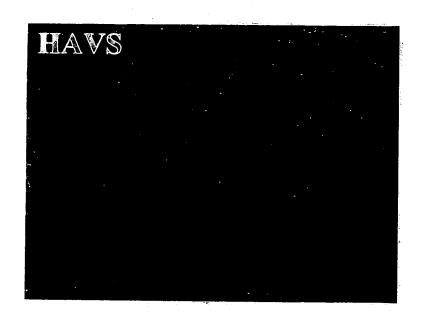


FIG. 14B



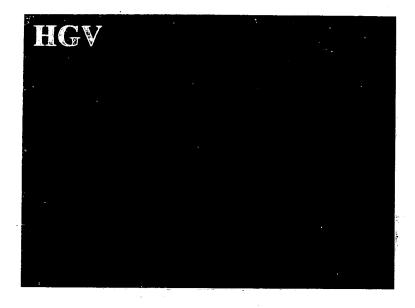


FIG. 14C

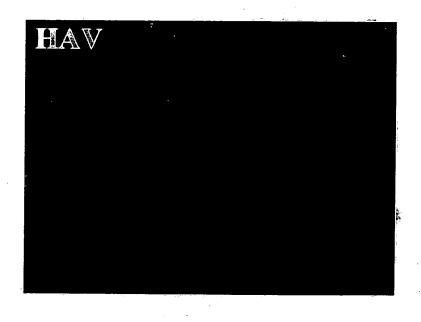


FIG. 14D



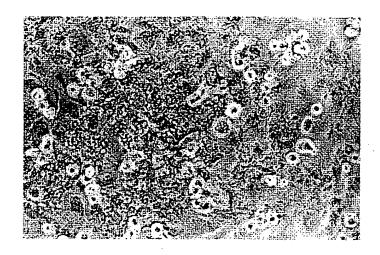


FIG. 15A

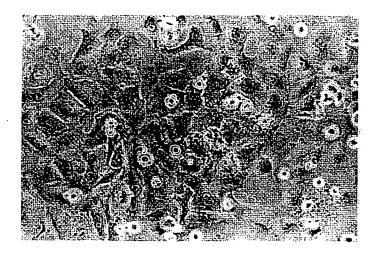


FIG. 15B

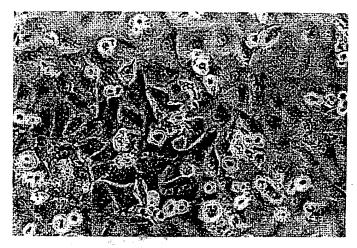


FIG. 15C



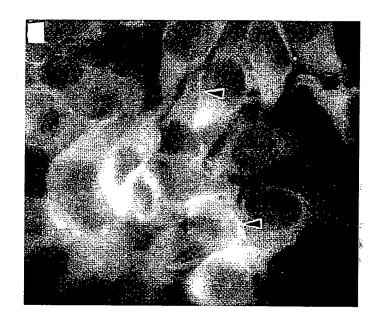


FIG. 16A



FIG. 16B



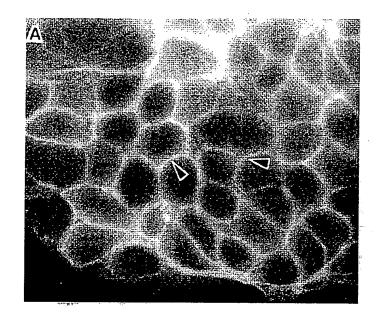


FIG. 17A

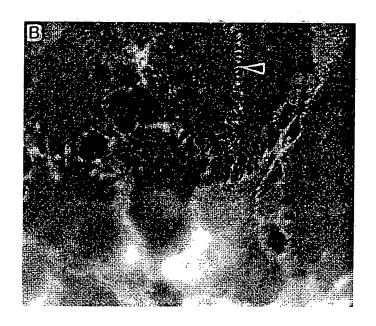


FIG. 17B